

## **METHOD AND APPARATUS FOR DATA INTEGRATION SECURITY**

### **ABSTRACT OF THE DISCLOSURE**

A method for performing data integration between two or more computer systems provided over a network includes extracting data from a first database associated with a first computer system of first type, the extracted data having a first file format and a first character-set format. The data are encrypted using a first security key. The encrypted data are stored in a shared volume provided in a storage system, the storage system being coupled to a plurality of computer systems. The encrypted data are received from the shared volume of the storage system at a second computer system of second type, the first and second computer system being of different computer systems. The received data are converted from the first file format to a second file format, the first file format being suitable for the first computer system and the second file format being suitable for the second computer system. The received data are decrypted using a second security key that is associated with the first security key. The received data are converted from the first character-set format to a second character-set format, the first character-set format being suitable for the first computer system, the second character-set format being suitable for the second computer system.

PA 3307704 v2